

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Qi Cai**

Serial No.: **10/682,167**

Filed: **10/09/2003**

For: **Differential Pipelined Analog To Digital
Converter With Successive Approximation
Register Subconverter**

Docket No.: **TI-35742**

Examiner: **Nguyen, John B.**

Art Unit: **2819**

Not. of All.: **01/03/2005**

Conf. No.: **7303**

SUPPLEMENTAL DECLARATION

Assistant Commissioner For Patents
Alexandria, VA 22313-1450

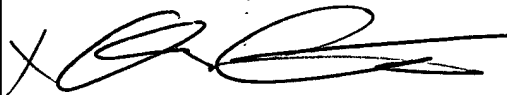
Sir:

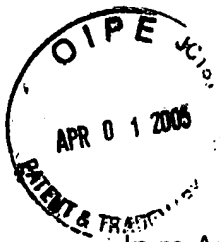
I, Qi Cai, as a sole inventor named in the application for letters patent for an improvement in Differential Pipelined Analog To Digital Converter With Successive Approximation Register Subconverter, Serial No. 10/682,167, filed in the United States Patent and Trademark Office on or about the 9th day of October, 2003, declare that I reviewed and understand the contents of the specification, including the claims as amended by the following amendments:

Amendments filed: Amendment 1.111 filed 10/25/2004.

That I believe that I am an original and first inventor of the claimed subject matter for which a patent is sought; that said subject matter, including the claims as amended, was part of my invention, and was invented before the filing of the original application, above identified, for such invention; and that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I further declare that all statements herein made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| SIGNATURE OF INVENTOR:  Qi Cai | SIGNATURE OF INVENTOR: <i>Not Applicable</i> |
| RESIDENCE: 2320 Senna Hills Lane Plano, Texas 75025 | RESIDENCE: |
| CITIZENSHIP: P. R. China | CITIZENSHIP: |
| DATE: 3/5/2005 | DATE: |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

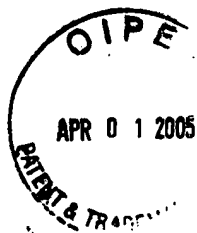
In re Application of

Qi Cai

Serial No.: 10/682,301¹⁶⁷

Filed: 10/09/2003

For: **DIFFERENTIAL PIPELINED ANALOG TO DIGITAL CONVERTER WITH
SUCCESSIVE APPROXIMATION REGISTER SUBCONVERTER STAGES**



Docket No.: TI-35741

Art Unit: 2819

Examiner: Jeanglaude, Jean Bruner

Conf. No.: 7328

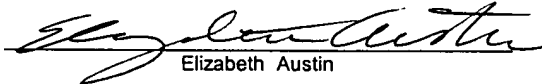
LETTER OF TRANSMITTAL

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

Mailing Certificate Under 37 C.F.R. § 1.8(A)

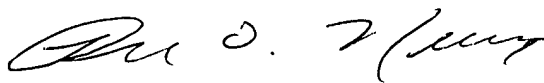
I hereby certify that, on the date indicated below, this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents and Trademarks, Alexandria, VA 22313-1450 on March 29, 2005.


Elizabeth Austin

The Supplemental Declaration in the above identified application is enclosed.

Please charge any necessary fee to the deposit account of Texas Instruments Incorporated, Account No. 20-0668. An original and two copies of this sheet are enclosed.

Respectfully submitted,



Ronald O. Neerings

Attorney for Applicants

Registration No. 34,227

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